

**Siva Kumar Dhandapani**

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**CARRER OBJECTIVE**

Design engineer with **2 year and 4 months** in **TVS motor company (PED)** deployed by Harita Techserv Limited. Proficient knowledge in designing gauges and fixtures for complete automobile parts and its sub assemblies using 3D CAD tools (CREO, CATIA, AUTOCAD).

Experience in **GD&T**, Value engineering/ Value analysis, **SAP** and WINDCHILL. Adept in handling casting, machined, sheet-metal and fabrication models. Posses an quick understanding of engineering job practices, techniques, standards, principles and concepts in a design.

**CARRER HIGHLIGHTS**

<b>Highlights</b>	<ul style="list-style-type: none"><li>• Successfully accomplished <b>VAVE</b> by commonizing two muffler gauges in a single gauge for <b>TVS-BMW</b> mufflers and saved 8 Lakh.</li><li>• Achieved <b>Ergonomic improvement</b> by designed and developed Automatic kitting bin loading automation to eliminate existing manual operation.</li><li>• Designed Total acceptance frame gauge for <b>TVSM E-Vehicle</b> frame.</li><li>• Designed Total acceptance gauges for upcoming <b>TVS-BMW</b> mufflers (7 nos) and its child part gauges</li></ul>
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**TECHNICAL SKILLS:**

Design Software	CREO – 4.0, CATIA V5, AUTOCAD
Software	MS Office, SAP End user – Related to Production Engineering Department, WINDCHILL

**EXPERIENCE**

Company Name	HARITA TECHSERV LTD,
Client Place	TVS MOTOR COMPANY, Hosur
Duration	From Apr-2018 to till date
Designation	Design Engineer
Department	Production Engineering Department

## WORK ASSIGNMENTS

<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Understanding product features, functions and its critical parameters.</li><li>• Requirement analysis.</li><li>• Developing new concept design considering <b>DFM/ DFA/ DFS</b>, for fixtures and gauges.</li><li>• Designing panel checkers for TVSM upcoming models.</li><li>• Various gauges (such as Total frame acceptance gauge, front &amp; rear frame gauge) designing for TVSM upcoming models.</li><li>• Developing detailed drawing &amp; its assembly drawing by using <b>Geometric Dimensions and tolerance</b>.</li><li>• Material selection and preparing <b>BOM</b>.</li><li>• Reviewing &amp; Validating the drawings.</li><li>• Uploading the drawing in SAP-Net viewer &amp; Winchill.</li><li>• Supporting inspection for proving gauge/ fixture.</li></ul>
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## EDUCATIONAL BACKGROUND

Course	College/University	Marks (%)	Duration
B.E Mechanical	Dr. Mahalingam College of Engineering and Technology, Pollachi	8.56	2014-2018
Higher Secondary	Thiyagarajar Hr. Sec. School, Madurai	93.25	2013-2014
SSLC	Rose Matriculation School, Madurai	89.20	2011-2012

## SKILLS

- Completed **lean six sigma green belt** from **Western Thomson (INDIA) Limited** in association with Department of Mechanical Engineering at Dr. Mahalingam college of Engineering and Technology, Pollachi during August 2017
- Completed a course on **Finite Element Modelling using Hyper mesh** from **ALTAIR Centre of excellence** at Dr. Mahalingam college of Engineering and Technology, Pollachi during March 2017
- Completed **Cambridge English level 1** in ESOL international (Business Vantage) held at Dr. Mahalingam college of Engineering and Technology, Pollachi during March 2017.
- Completed **Rashtrabasha Praveen** in association with Dakshin bhara Hindi prachar Sabha, Chennai during the years May 2007 to May 2011.

## PERSONAL BACKGROUND

Date of Birth	21-Nov-1996
Sex	Male
Nationality	Indian
Language Proficiency	Tamil, English, Hindi (To Speak, Read and Write)
Marital Status	Unmarried
Resident Address	5/720A, Muneeswar nagar, 6 <sup>th</sup> cross, New Astc Hudco, Hosur – 635 109, Tamil Nadu.

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